



PROVINCE OF BENGUET  
 La Trinidad  
**BIDS AND AWARDS COMMITTEE**  
 (INFRASTRUCTURE PROJECTS)


Project Number GF 22073

**MEMORANDUM TO:**

Mr. / Ms.: BAC SUPPORT STAFF  
 (Canvasser)

Please furnish each of the following dealer/ establishment a copy of the solicitation "bid" tender for the project  
**IMPROVEMENT OF CHILDREN IN CONFLICT WITH LAW REFUGE CENTER, DUACAN, KABAYAN**  
DUACAN, KABAYAN,  
 for use of BENGUET to be opened on April 12, 2022 at 9:00AM ABC: 500,000.00

	NAME OF CONSTRUCTION FIRM	ADDRESS	RECEIVED	DATE
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

  
**ATTY. SUNNY G. SACLA**  
 BAC - INFRA Chairperson

**CERTIFICATION**

I/We the undersigned, hereby jointly and severally certify to have given each of the above contractor/establishments a copy of the solicitation bid papers and inform them that they shall submit their quotations before the time of opening of the same.

CANVASSER/S:

CEFERINO GOLINGAB JR. / SEVENTINA C. OWAY  
 BAC SUPPORT STAFF



Republic of the Philippines  
PROVINCE OF BENGUET  
La Trinidad  
**BIDS AND AWARDS COMMITTEE**  
(INFRASTRUCTURE PROJECTS)

Project Number: GF 22073 Source of Fund: GF CY 2022  
IMPROVEMENT OF CHILDREN IN CONFLICT  
WITH LAW REFUGE CENTER, DUACAN,  
Name of the Project: KABAYAN No. of Calendar  
Days: 63  
Location of the Project: DUACAN, KABAYAN, BENGUET ABC: 500,000.00

**REQUEST FOR QUOTATION**  
**NEGOTIATED PROCUREMENT- (SMALL VALUE PROCUREMENT)**

Sir/Madam:

Please quote your lowest price on the project listed below. Please Submit your Quotation duly signed by you to the Bids and Awards Committee not later than **8:30 AM on April 12, 2022** c/o BAC Support, 2nd Floor, BAC Office, Capitol La Trinidad. To be opened at **9:00am** on the same day.  
Thank you very much.

**ATTY. SUNNY C. SACLA**  
BAC INFRA Chairperson

**INSTRUCTIONS:**

**"PLEASE SEAL YOUR QUOTATIONS"**

- All Entries must be typewritten or handwritten (please write legibly & do not use pencil);
- To quote for this Contract, a Contractor must meet the following major criteria: (a) Filipino Citizen or 75% Filipino-owned partnership, corporation, cooperative, or joint venture, with PCAB License applicable to the type and cost of this contract;
- Clustered projects shall be treated as one project. Any adverse findings on any of the clustered projects shall be a ground for disqualification.
- All particulars relative to the Evaluation of quotation, Post-Qualification and award of contract shall be governed by the pertinent provision of revised R.A. 9184 and its implementing rules and regulations;
- Documentary requirements to be submitted with this RFQ:
  - Detailed Estimates with pertinent supporting documents (e.g. Summary Sheet )
  - Mayor's/Business Permit;
  - PhilGEPS Registration Number: \_\_\_\_\_ (Kindly indicate)
  - PCAB License;
  - Latest Income/Business Tax Returns for ABC above P500,000.00;
  - Omnibus Sworn Statement for ABC above P500,000.00; and  
*\*in lieu of 'b' & 'c', certified true copy of PhilGEPS Platinum membership may be submitted.*
- The only authorized person to secure and drop quotations (RFQs) and documents is the contractor himself/herself or his/her representative through a Special Power of Attorney (SPA), particularly stating therein the *title of the project/s* which the principal (contractor) is granting authority for his/her agent with the power to secure, drop and sign in behalf of the principal any documents required in the procurement proceedings (R.A. 9184);
- Detailed estimate for all items of work shall be itemized (not lumpsum);
- Detailed Estimates for reinforcing steel bars shall be itemized according to its size;
- To submit the following additional documentary requirements within three (3) days from Notice of the BAC:
  - Construction Schedule and S-Curve;
  - Cash Flow;
  - Manpower Utilization Schedule;
  - Equipment Utilization Schedule;
  - Construction Safety and Health Program;
  - Construction Method;
  - PERT-CPM;
  - Provincial Permit;
- All Erasures shall be countersigned;

**\*\*Non-compliance to the foregoing instructions shall be a ground for disqualification.**

NO.	PROJECT TITLE	QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
1	<b>IMPROVEMENT OF CHILDREN IN CONFLICT WITH LAW REFUGE CENTER, DUACAN, KABAYAN</b>				
	<b>SCOPE OF WORK</b>				
	Spl. A Project Billboard	whole	whole		
	Spl. B Construction Health and Safety Requirements	whole	whole		
	803(1)a Structure Excavation (Common Soil)	2.66	cu.m		
	900(1) Structural Concrete (for flooring tie beams, columns, suspended slab, girder beams - class A, 28 days)	5.00	cu.m		
	902(1) Reinforcing Steel	402.14	kgs		
	903(2) Formworks and False Works	2.90	sq.m		
	1003(2) Carpentry Works	29.95	sq.m		
	1006 Steel Doors Works	1.89	sq.m		
	1008 Aluminum Glass Windows Works	4.80	sq.m		
	1018 Tile Works	41.68	sq.m		
	1021(3) Floor Topping	41.68	sq.m		

1027(1)	Cement Plaster Finish Work	255.66	sq.m		
1032(1)a	Painting Works (Masonry Painting)	238.11	sq.m		
1032(1)b	Painting Works (Wood Painting)	49.06	sq.m		
1046	CHB Work 100mm (incl. reinforcing steel)	45.48	sq.m		
I	Mobilization/ Demobilization	whole	whole		
1100(6)	1/2" dia. - 1-1/4" PVC Pipe	21.00	pcs		
1100	Junction/ Utility/ Pull/ sq. box	14.00	pcs		
1101(2)	1.6mm <sup>2</sup> - 5mm <sup>2</sup> elec wire	300.00	mtrs		
1101	Switches	2.00	sets		
1101	Duplex CO	2.00	sets		
1102	NEMA 1	1.00	set		
1103	Lighting Fixture	4.00	sets		
<b>MINIMUM EQUIPMENT REQUIRED</b>		<b>IN FIGURES:</b>			
1	Cargo Truck				
1 Lot	Scaffolds				
1	1 Bagger Concrete Mixer				
1	Bar Cutter				
1	Bar Bender				

**BID AMOUNT IN FIGURES:**

**BID AMOUNT IN WORDS:**

**CANVASSER/S:**

**CERTIFICATION**

This is to certify that I have full knowledge, authority and responsibility in distributing and/or collecting the Request for Quotation in accordance to the guidelines in securing prices for the Bids and Awards Committee on Infrastructure.

**CEFERINO GOLINGAB JR. / SEVENTINA C. OWAY**  
BAC SUPPORT STAFF

After having carefully read and accepted your general conditions.  
I/We quote you on the project noted above.

\_\_\_\_\_  
**Name of Construction Firm(As indicated in PCAB License) & Address**

\_\_\_\_\_  
**Name of Owner**  
(Signature over printed name)

\_\_\_\_\_  
**Telephone / Cellphone Number**  
**e-mail Address**

\_\_\_\_\_  
**Date:**

**Personal protective equipments**

- a. Safety shoes
- b. Safety helmet
- c. Safety gloves
- d. ReflectORIZED vest
- e. First aid kit
- f. DOH approved face maskg. Medical kits (sanitizers, alcohol, thermal scanner, etc)



TO POBLACION



TO BAGUIO



**LOCATION MAP**  
SCALE NTS

REPUBLIC OF THE PHILIPPINES PROVINCE OF BENGUET	PROJECT TITLE IMPROVEMENT OF CHILDREN IN CONFLICT WITH LAW REFUGE CENTER, DUACAN, KABAYAN	PREPARED BY: PRUDENCIO D. BASGUAL	CHECKED BY: <i>[Signature]</i>	APPROVED BY: <i>[Signature]</i>	SHEET NUMBER A-11
WANGAL LA TRINIDAD, BENGUET	LOCATION: DUACAN, KABAYAN, BENGUET	ARCHITECT I	ARCHITECT IV PORTER B. CAMSOL	PROVINCIAL ENGINEER JERRY L. BOCANOG	1 of 11
				PROVINCIAL GOVERNOR MELCHOR D. DICLAS	MARCH 2022

**SCOPE OF WORK:**

- 897A: Fabrication and installation of project billboard with frame and stand.
- 897B: Construction health and safety requirements
- 900 (1): Structure excavation (Common soil)
- 900 (2): Structural concrete (for flooring, tie beams, columns, suspended slab, girder beams - class A, 28 days)
- 902 (1): Reinforcing steel
- 903 (2): Carpentry works
- 904: Steel doors works
- 905: Aluminum glass windows works
- 906: Tile works
- 907 (1): Floor topping
- 907 (2): Cement plaster finish work
- 908 (1): Painting work (masonry painting)
- 908 (2): Painting work (wood painting)
- 909: CHB work 100mm (incl. reinforcing steel)
- 910: Mobilization / demobilization
- 911 (1): 1/2" dia - 1/4" PVC pipe
- 911 (2): Junction/utility/pull/eq. box
- 912 (1): 1.5mm<sup>2</sup> - 5mm<sup>2</sup> steel wire
- 913: Switches
- 914: Duplex C.O.
- 915: NEMA 1
- 916: Lighting fixture

**903. (1). FORMWORKS & FALSE WORKS.**

**SPECIFICATIONS:**

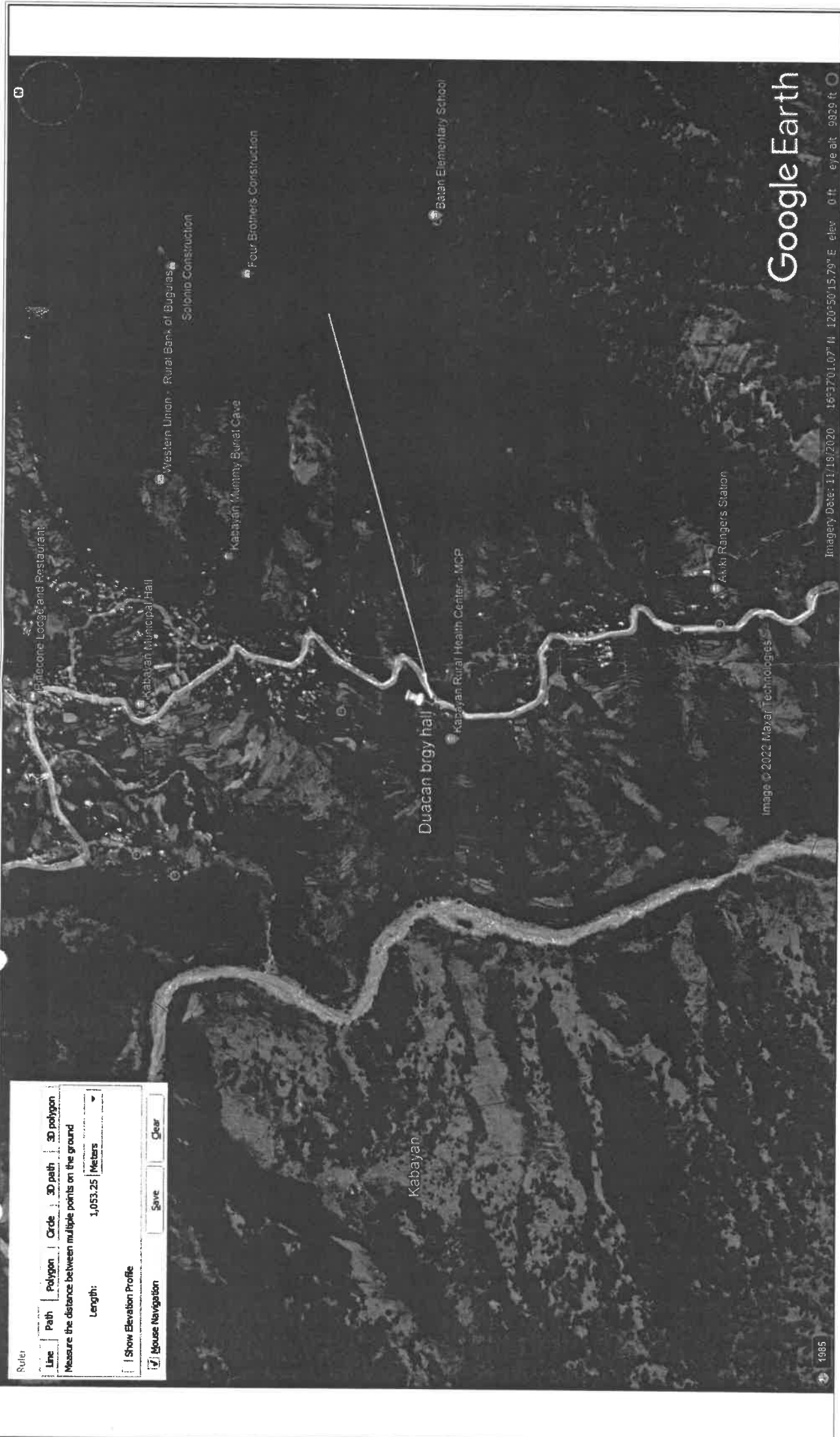
- 1. All dimensions are in meters unless otherwise specified.
- 2. Fines and coarse aggregates to be used herein shall be clean, durable and free from materials that are injurious to the concrete mixture.
- 3. Concrete Mixture shall be class "A" (12.5) Fc = 3,000 psi @ 28 days.
- 4. All materials to be used herein shall be new and of approved quality unless otherwise specified.
- 5. Workmanship shall conform to the standards of the respective trade.
- 6. Revisions maybe done herein by the Project Engineer/ In-charge to suit existing field condition.
- 7. All other plans and specifications not clearly shown herein shall be referred to the Project Engineer/Supervisor.
- 8. Reinforcing steel bars to be used shall consist of new billet steel (structural grade) of good quality, meeting all the requirements of the standard specifications for reinforcing bars, and the size of required drawings. Minimum fy = 276 Mpa.
- 9. The length of splices and anchorage shall not be less than 40 times the diameter of the bar but not less than 300mm.
- 10. Standard hooks
  - a) 180° bend plus 4 bar @ extension but not less than 65mm at free end
  - b) 90° bend plus 12 bar @ extension, at free end and
  - c) for stirrups and tie hooks:
    - 16mm @ bar and smaller, 90° bend plus 6 bar @ extension at free end of bar, or
    - 20mm and 25mm @ bar, 90° bend plus 12 bar @ extension at free end of bar, or
    - 25mm @ bar and smaller, 135° bend plus 6 bar @ extension at free end of bar.

**EQUIPMENT TO BE USED:**






- 1 unit Cargo truck
- Praces, forms & scaffoldings (rental)
- 1 unit 1 - bagger concrete mixer
- 1 unit bar cutter
- 1 unit bar bender

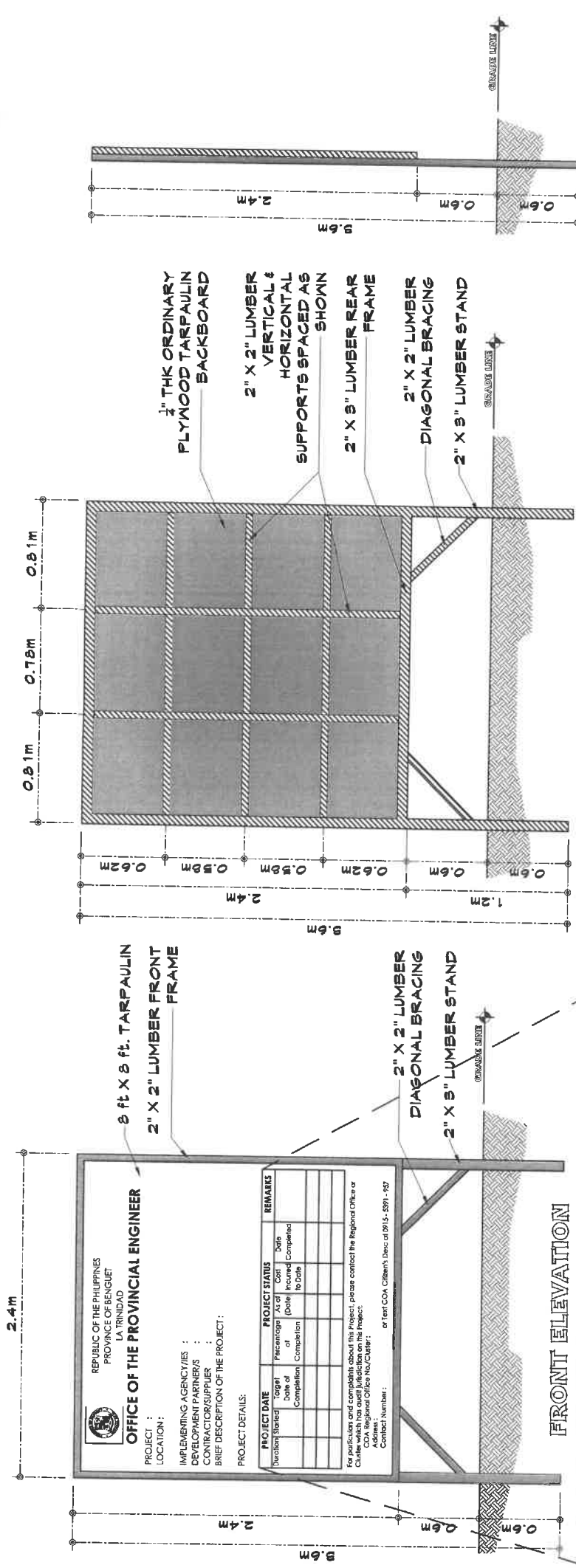


**GENERAL NOTES AND SPECIFICATIONS**  
SCALE NTS



**LOCATION MAP**  
SCALE \_\_\_\_\_ NTS

REPUBLIC OF THE PHILIPPINES PROVINCE OF BENGUET <b>P.E.O</b> WANGAL LA TRINIDAD, BENGUET	<b>PROJECT TITLE</b> IMPROVEMENT OF CHILDREN IN CONFLICT WITH LAW REFUGE CENTER, DUACAN, KABAYAN LOCATION: ADAOAY, KABAYAN, BENGUET	<b>PREPARED BY:</b>  <b>PRUDENCIO D. BASQUAL</b> ARCHITECT I	<b>CHECKED BY:</b>  <b>PORTER B. CAMBOL</b> ARCHITECT IV	<b>REVIEWED BY:</b>  <b>FRANCISCO T. PANGOTAO</b> ASST. PROVINCIAL ENGINEER	<b>APPROVAL RECOMMENDED:</b>  <b>JERRY L. BOCANOG</b> PROVINCIAL ENGINEER	<b>APPROVED:</b>  <b>MELCHOR D. DICALAS</b> PROVINCIAL GOVERNOR	<b>SHEET NUMBER</b> <b>A-B</b> 2 of 11 MARCH 2022
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**FRONT ELEVATION**

8 ft x 8 ft. TARPAULIN  
2" X 2" LUMBER FRONT FRAME

2" X 2" LUMBER  
VERTICAL &  
HORIZONTAL  
SUPPORTS SPACED AS  
SHOWN

2" X 3" LUMBER REAR  
FRAME

2" X 2" LUMBER  
DIAGONAL BRACING

2" X 3" LUMBER STAND

**REAR ELEVATION**

2" X 2" LUMBER  
DIAGONAL BRACING

2" X 3" LUMBER STAND



**SIDE ELEVATION**

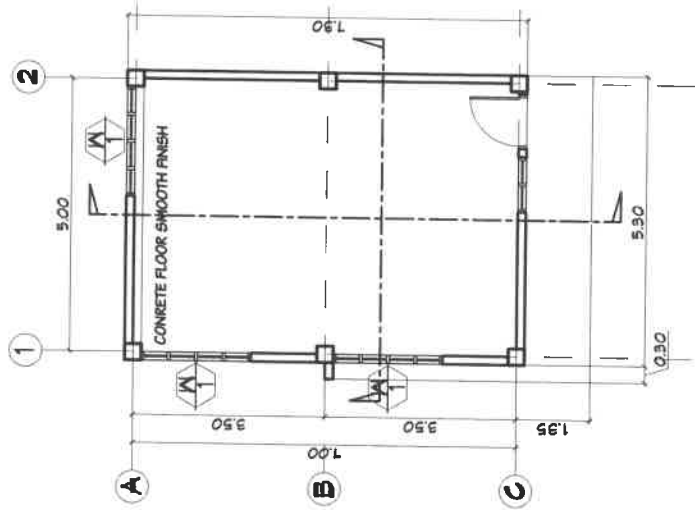
NOTE:  
TARPAULINE : 8 ft. X 8 ft - WHITE  
RESOLUTION : 70 dpi  
FONT : HELVETICA  
FONT SIZE : MAIN INFORMATION - 9"  
SUB-INFORMATION - 1"  
FONT COLOR : BLACK

PROJECT DATE	Target Date of Completion	Percentage of Completion	PROJECT STATUS		REMARKS
			As of (Date)	Cost Incurred to Date	
Duration Started					

For particulars and complaints about this Project, please contact the Regional Office or Cluster which has audit jurisdiction on this Project:  
COA Regional Office No./Cluster :  
Address :  
Contact Number : or Text COA Citizen's Desc at 0915 - 5391 - 957

**PROJECT BILLBOARD**  
SCALE NTS

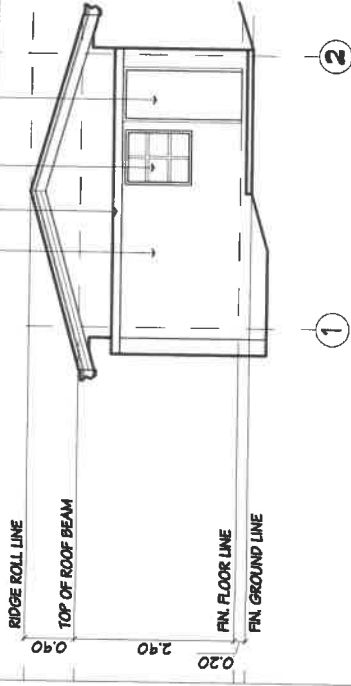
REPUBLIC OF THE PHILIPPINES PROVINCE OF BENGUET	PROJECT TITLE IMPROVEMENT OF CHILDREN IN CONFLICT WITH LAW REFUGE CENTER, DUAGAN, KABAYAN	PREPARED BY:  <b>PRUDENCIA D. BAGGUAL</b>	CHECKED BY:  <b>PORTER B. CAMSOL</b>	SHEET NUMBER <b>A-3</b>
P.E.O WANGAL, LA TRINIDAD, BENGUET	LOCATION: DUAGAN, KABAYAN, BENGUET	ARCHITECT I	ARCHITECT IV	8 of 11
				MARCH 2022



NOTE: ALL INTERIOR AND EXTERIOR WALL ARE TO BE PAINTED, INCLUDING GROUND FLOOR CEILING

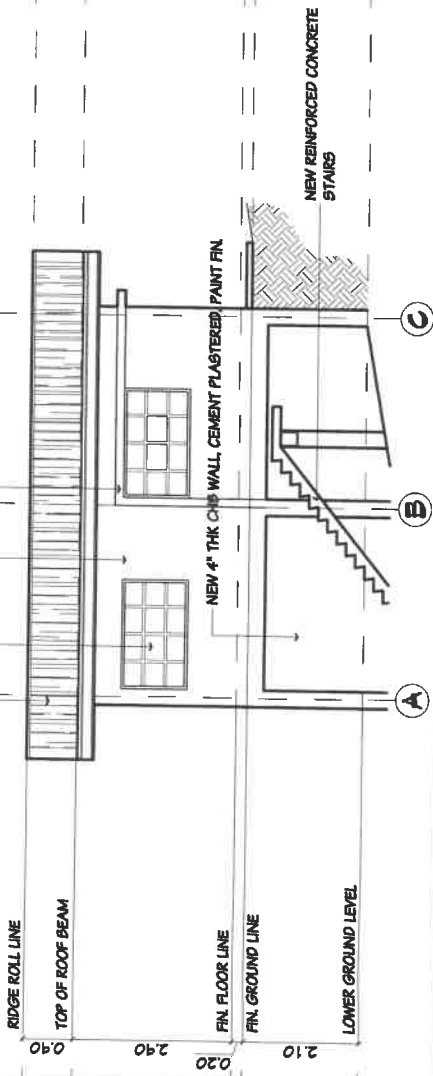
EXISTING BUILDING  
GROUND FLOOR PLAN  
SCALE 1 : 100 MTS

EXISTING CHB WALL, CEMENT PLASTERED WITH GROOVES  
EXISTING M2 PANEL, CEMENT PLASTERED  
EXISTING ANALOK SLIDING WINDOWS  
EXISTING STEEL PANEL DOOR



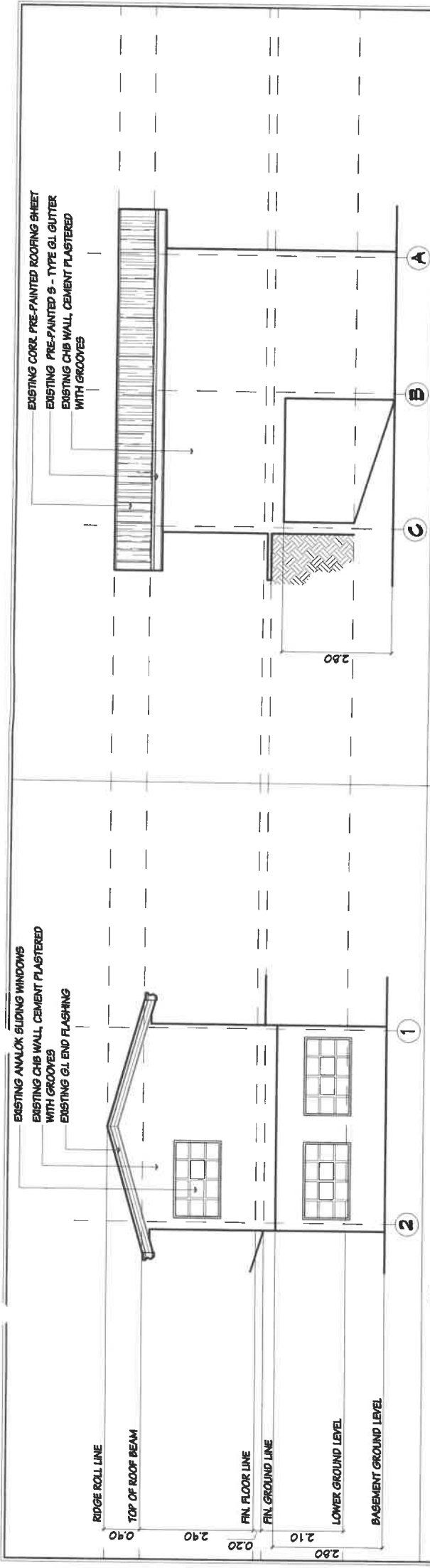
FRONT ELEVATION  
SCALE 1 : 100 MTS

EXISTING CORR. PRE-PAINTED ROOFING SHEET  
EXISTING ANALOK SLIDING WINDOWS  
EXISTING CHB WALL, CEMENT PLASTERED WITH GROOVES  
EXISTING M2 PANEL, CEMENT PLASTERED



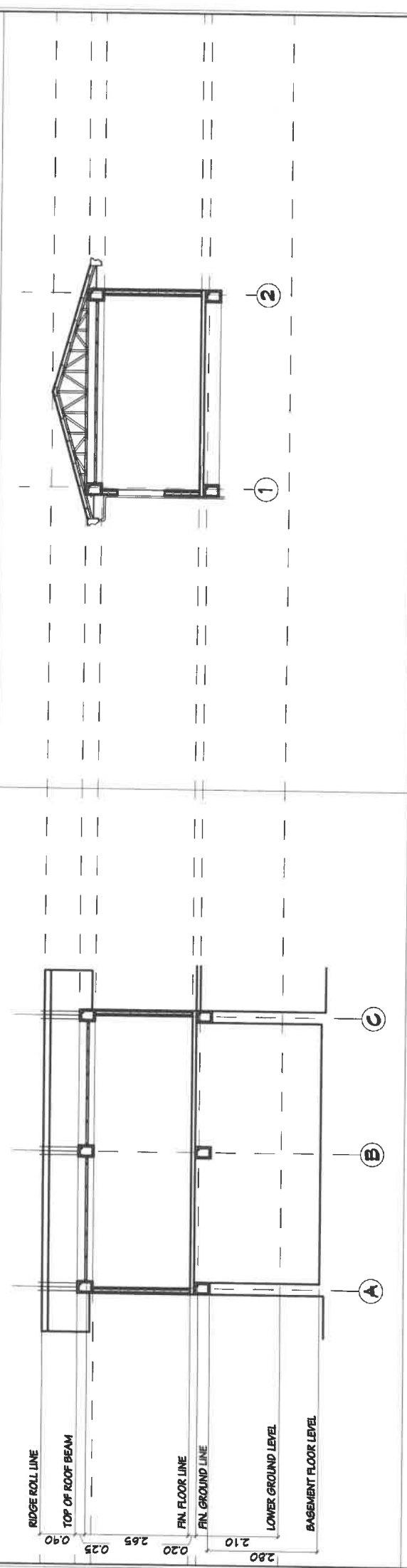
LEFT SIDE ELEVATION  
SCALE 1 : 100 MTS

REPUBLIC OF THE PHILIPPINES PROVINCE OF BENGUET	PROJECT TITLE IMPROVEMENT OF CHILDREN IN CONFLICT WITH LAW REFUGE CENTER, DUACAN, KABAYAN	PREPARED BY: PRUDENCIO D. BASGUAL	CHECKED BY: 	SHEET NUMBER A-4
P.E.O WANGAL LA TRINIDAD, BENGUET	LOCATION: DUACAN, KABAYAN, BENGUET	ARCHITECT I	ARCHITECT IV	4 of 11
				MARCH 2022



**REAR ELEVATION**  
SCALE 1 : 100 MTS

**RIGHT SIDE ELEVATION**  
SCALE 1 : 100 MTS

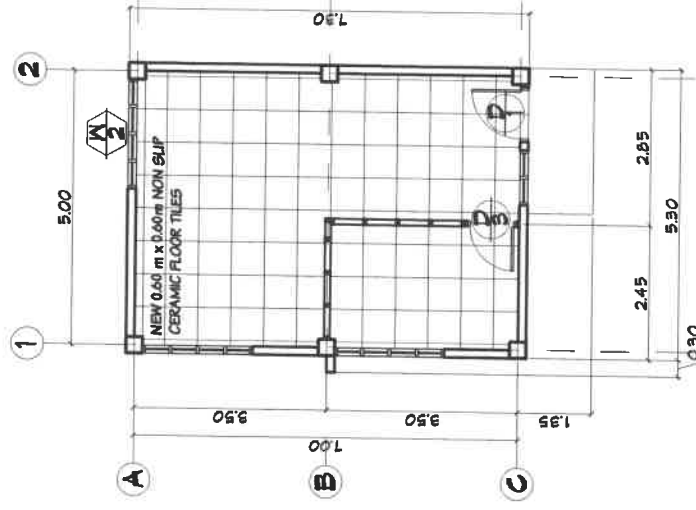


**LONGITUDINAL SECTION**  
SCALE 1 : 100 MTS

**CROSS SECTION**  
SCALE 1 : 100 MTS

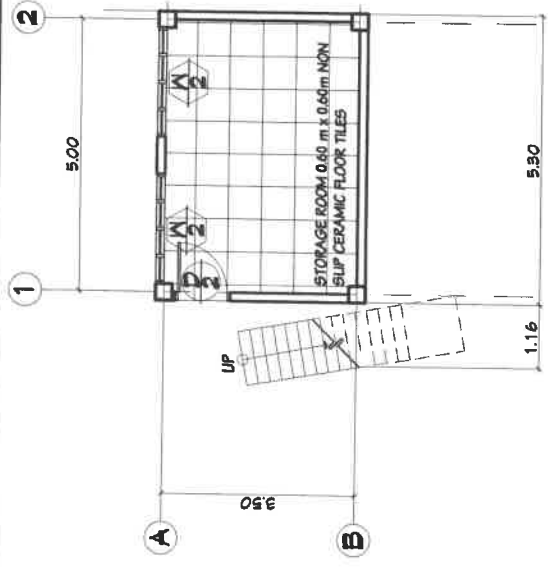
REPUBLIC OF THE PHILIPPINES PROVINCE OF BENGUET <b>P.E.O</b> WANGAL, LA TRINIDAD, BENGUET	PROJECT TITLE IMPROVEMENT OF CHILDREN IN CONFLICT WITH LAW REFUGE CENTER, DUACAN, KABAYAN	PREPARED BY: <b>PRUDENCIO D. BASGUAL</b> ARCHITECT I	CHECKED BY: <b>PORTER B. CAMBOL</b> ARCHITECT IV	A-5 5 of 11 MARCH 2022
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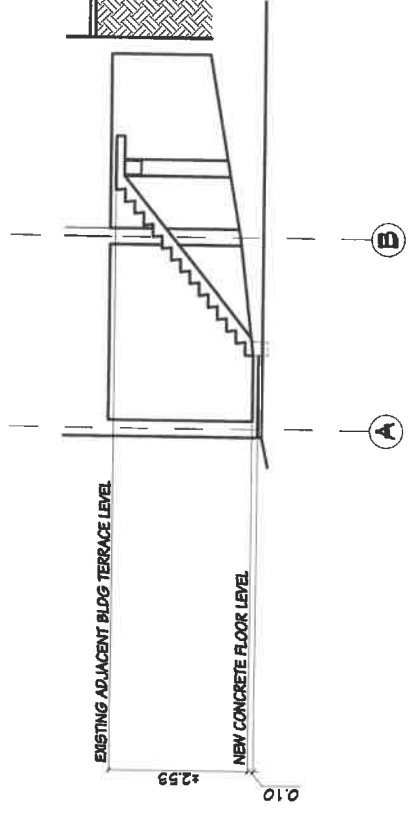


**GROUND FLOOR PLAN**  
SCALE 1 : 100 MTS

ADDITIONAL INTERIOR WOODEN WALL

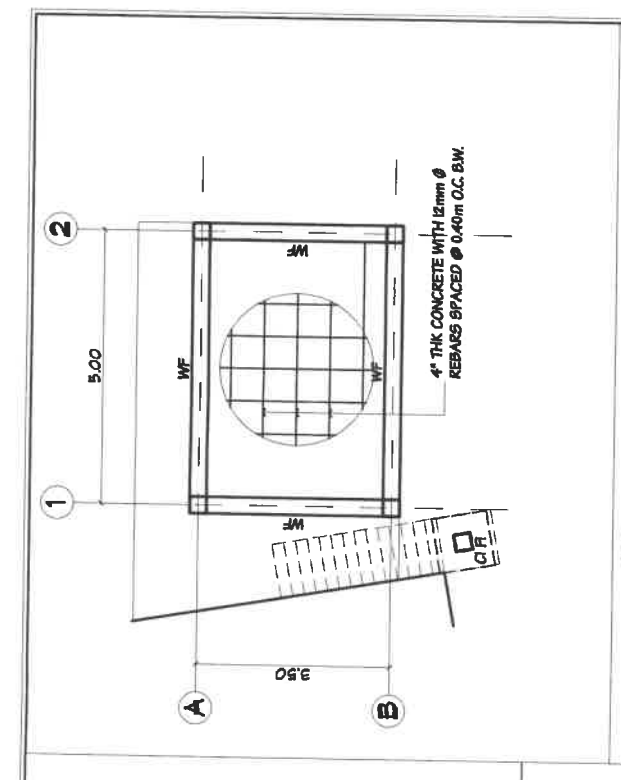


**BASEMENT FLOOR PLAN**  
SCALE 1 : 100 MTS

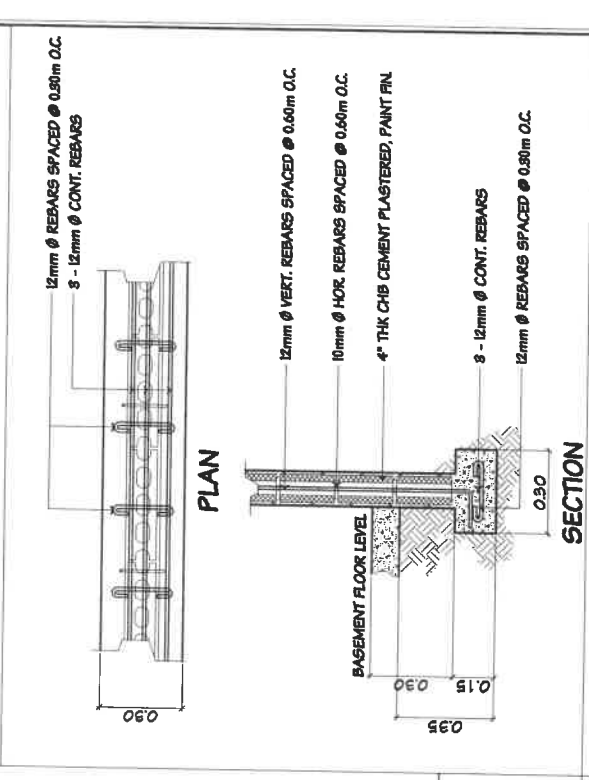


**LEFT SIDE ELEVATION**  
SCALE 1 : 100 MTS

PROJECT TITLE <b>IMPROVEMENT OF CHILDREN IN CONFLICT WITH LAW REFUGE CENTER, DUACAN, KABAYAN</b>	PREPARED BY: <b>PRUDENCIO D. BASQUAL</b> ARCHITECT I	CHECKED BY:  <b>PORTER B. CAMSOL</b> ARCHITECT IV	A=6 6 of 11 MARCH 2022
REPUBLIC OF THE PHILIPPINES PROVINCE OF BENGUET <b>P.E.O</b> WANGAL, LA TRINIDAD, BENGUET	LOCATION: DUACAN, KABAYAN, BENGUET		



**FOUNDATION PLAN**  
SCALE 1 : 100 MTS.



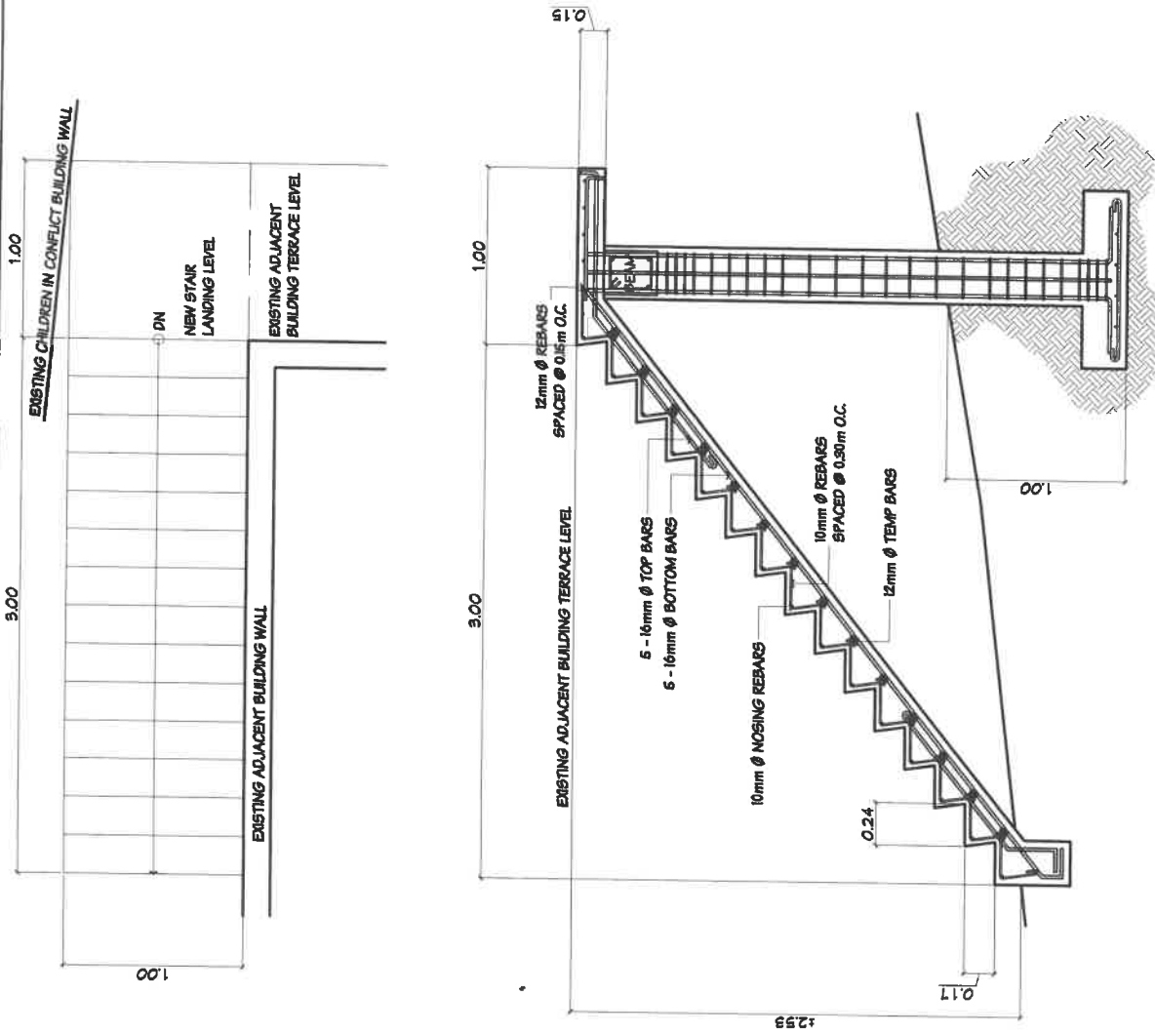
**WALL FOOTING DETAIL**  
SCALE 1 : 20 MTS.

<p>STEEL PANEL DOOR WITH COMPLETE ACCESSORIES 1 SET EXISTING AT GROUND FLOOR</p>	<p>STEEL PANEL DOOR WITH COMPLETE ACCESSORIES REQUIRED: 1 UNIT FOR BASEMENT ROOM</p>	<p>WOODEN PANEL DOOR WITH COMPLETE ACCESSORIES REQUIRED: 1 UNIT FOR GROUND FLOOR</p>

<p>ANALOK SLIDING WINDOW 3 SETS EXISTING AT GROUND FLOOR EXISTING 1 REQUIRED AT BASEMENT</p>	<p>ANALOK SLIDING WINDOW 1 SET EXISTING AT GROUND FLOOR</p>	<p>ANALOK SLIDING WINDOW 1 SET EXISTING AT GROUND FLOOR</p>

**DOOR AND WINDOW SCHEDULE**  
SCALE 1 : 40 MTS.

<p>REPUBLIC OF THE PHILIPPINES PROVINCE OF BENGUET</p>	<p><b>P.E.O</b></p>	<p>WANGAL LA TRINIDAD, BENGUET</p>	<p>PROJECT TITLE IMPROVEMENT OF CHILDREN IN CONFLICT WITH LAW REFUGE CENTER, DUACAN, KABAYAN</p>	<p>LOCATION: DUACAN, KABAYAN, BENGUET</p>	<p>PREPARED BY: <b>PRUDENCIO D. BASQUIAL</b> ARCHITECT I</p>	<p>CHECKED BY: <b>PORTER B. CAMROL</b> ARCHITECT IV</p>	<p>SHEET NUMBER <b>S-11</b></p>	<p>T of 11</p>	<p>MARCH 2022</p>
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**CONCRETE STAIR DETAIL**  
SCALE 1 : 20 MTS.

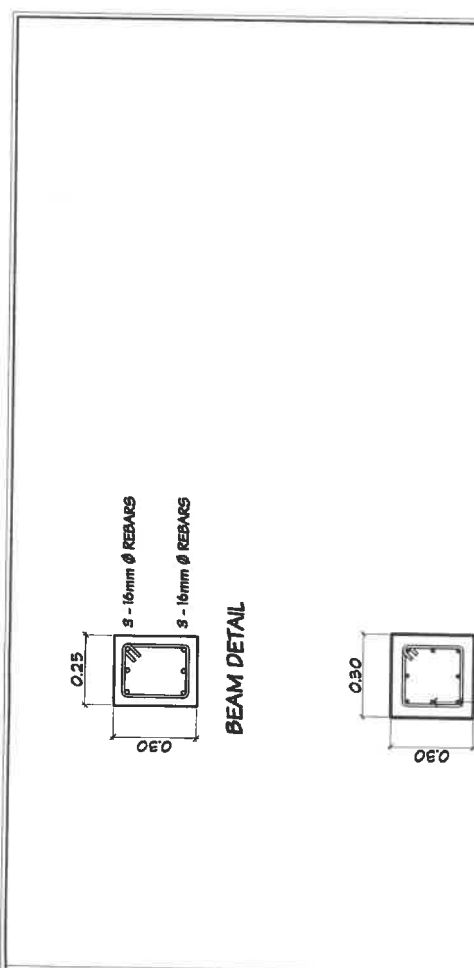
REPUBLIC OF THE PHILIPPINES  
PROVINCE OF BENGUET  
**P.E.O**  
WANGAL, LA TRINIDAD, BENGUET

PROJECT TITLE  
IMPROVEMENT OF CHILDREN IN CONFLICT WITH LAW REFUGE CENTER, DUACAN, KABAYAN

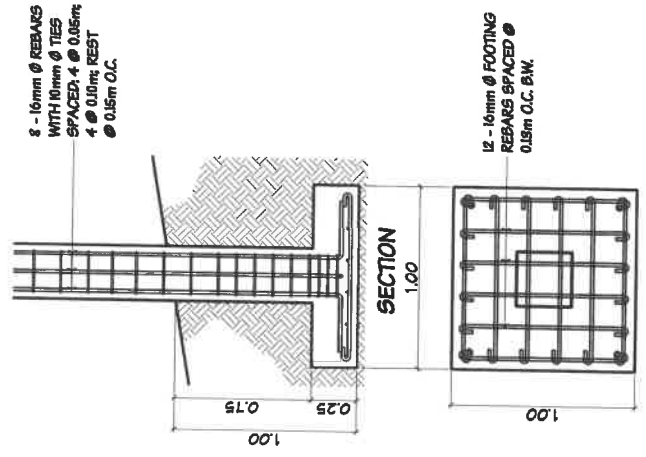
LOCATION: DUACAN, KABAYAN, BENGUET

PREPARED BY:  
**PRUDENCIO D. BASGUAL**  
ARCHITECT I

CHECKED BY:  
**FORTEB B. CAMBOL**  
ARCHITECT IV



**BEAM DETAIL**



**FOOTING DETAIL**  
SCALE 1 : 30 MTS.

SHEET NUMBER  
**S-2**

8 OF 11  
MARCH 2022

1. ALL ELECTRICAL WORKS AND INSTALLATIONS HEREIN SHALL COMPLY WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE PARTS 1 & 2, RULES AND REGULATIONS OF THE NATIONAL AND LOCAL AUTHORITIES CONCERNING THE ENFORCEMENT OF LAWS, REGULATIONS AND POLICIES OF THE LOCAL POWER UTILITY AND ORDINANCES OF THE LOCAL GOVERNMENT UNIT HAVING JURISDICTION OVER THE PROJECT;

2. ALL ELECTRICAL WIRING INSTALLATIONS HEREUNDER SHALL BE UNDER THE DIRECT AND IMMEDIATE SUPERVISION OF A DULY REGISTERED ELECTRICAL ENGINEER OR REGISTERED MASTER ELECTRICIAN IN THE ABSENCE OF THE ELECTRICAL ENGINEER;

3. ALL ELECTRICAL MATERIALS TO BE USED HEREIN SHALL BE NEW AND OF THE APPROVED TYPE OF INTENDED USE UNLESS OTHERWISE SPECIFIED. IT SHALL BE APPROPRIATE WITH THE INSTALLATION AND LOCATION;

4. APPROPRIATE PULL BOXES SHALL BE PROVIDED EVEN IF NOT INDICATED/SHOWN IN THE ELECTRICAL DRAWINGS TO ACCOMMODATE THE SPLICES OF WIRES. THE MINIMUM SIZES OF WIRES TO BE USED HEREIN SHALL NOT BE SMALLER THAN 9.5 SQ.MM COPPER WIRES FOR LIGHTING AND 5.5 SQ.MM COPPER FOR CONVENIENCE OUTLET;

5. ALL ELECTRICAL WIRES AND FIXTURES SHALL BE PROPERLY AND FIRMLY INSTALLED IN AN ACCEPTED WORKMANSHIP MANNER PROPERLY SECURED AND SAFELY ELECTRICALLY INSTALLED;

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING THE NECESSARY ARRANGEMENT AND/OR APPLICATIONS RELATIVE TO THE ELECTRICAL PRACTICE AND SERVICE TO THE PROPOSED INSTALLATIONS. HE SHALL MAKE NECESSARY PROVISIONS FOR THE INSTALLATION OF POWER AS PER REQUIREMENTS. HE SHALL MAKE SOME ORIENTATIONS ON THE ELECTRICAL PLANS AND ACTUAL SITE INSPECTION FOR CROSS REFERENCE TO OTHER EXISTING UTILITIES;

7. THE CONTRACTOR MUST UNDERSTAND THAT THE MATERIALS DELIVERED AND WORK PERFORMED BY HIM AT ANY OR ALL TIME DURING THE PROGRESS OF THE WORK AND PRIOR TO THE FINAL ACCEPTANCE THEREOF AND BEFORE ANY PAYMENT IS MADE FOR SAME, SHALL BE SUBJECTED TO THE INSPECTION OF THE AUTHORIZED REPRESENTATIVE/S WHO HAS THE AUTHORITY TO INSPECT, ACCEPT, OR REJECT ANY PART THEREOF. THE CONTRACTOR AT HIS OWN EXPENSE SHALL CORRECT ANY FOUND DEFECTIVE OR UNSATISFACTORY MATERIALS OR WORK PERFORMED/DONE BY HIM WITHOUT ANY ADDITIONAL CHARGE TO THE GOVERNMENT.

**1**  
E 1  
**GENERAL NOTES**

PROJECT TITLE:  
**IMPROVEMENT OF CHILDREN IN CONFLICT WITH LAW REFUGE CENTER, DUACAN, KABAYAN, BENGUET**

PROJECT LOCATION:  
**KABAYAN, BENGUET**

PREPARED BY: *[Signature]*  
**KEVIN'S SAYAO**  
ENGINEER I

CHECKED BY: *[Signature]*  
**JOHNNY D. OSOSA**  
ENGINEER II



1. TAPPING OF THE 5.5.0 MM SQ. COPPER MAIN PLACED INSIDE A 1/2" PVC PIPE TO THE EXISTING MAIN WIRE OF THE BUILDING.
2. INSTALLATION OF NEW 30AT, MOULDED CASE CIRCUIT BREAKER.
3. INSTALLATION OF THE COMPLETE ELECTRICAL WIRING LAYOUT INCLUDING SPECIFIED LIGHTING FIXTURES, CONVENIENCES AND OTHER FITTINGS. FOR THE COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM IN AN ACCEPTABLE WORKMANSHIP.
4. AFTER INSTALLING ALL ELECTRICAL COMPONENTS, FIXTURES, CONVENIENCES AND OTHER FITTINGS, ELECTRICAL TESTING MUST BE PERFORMED.

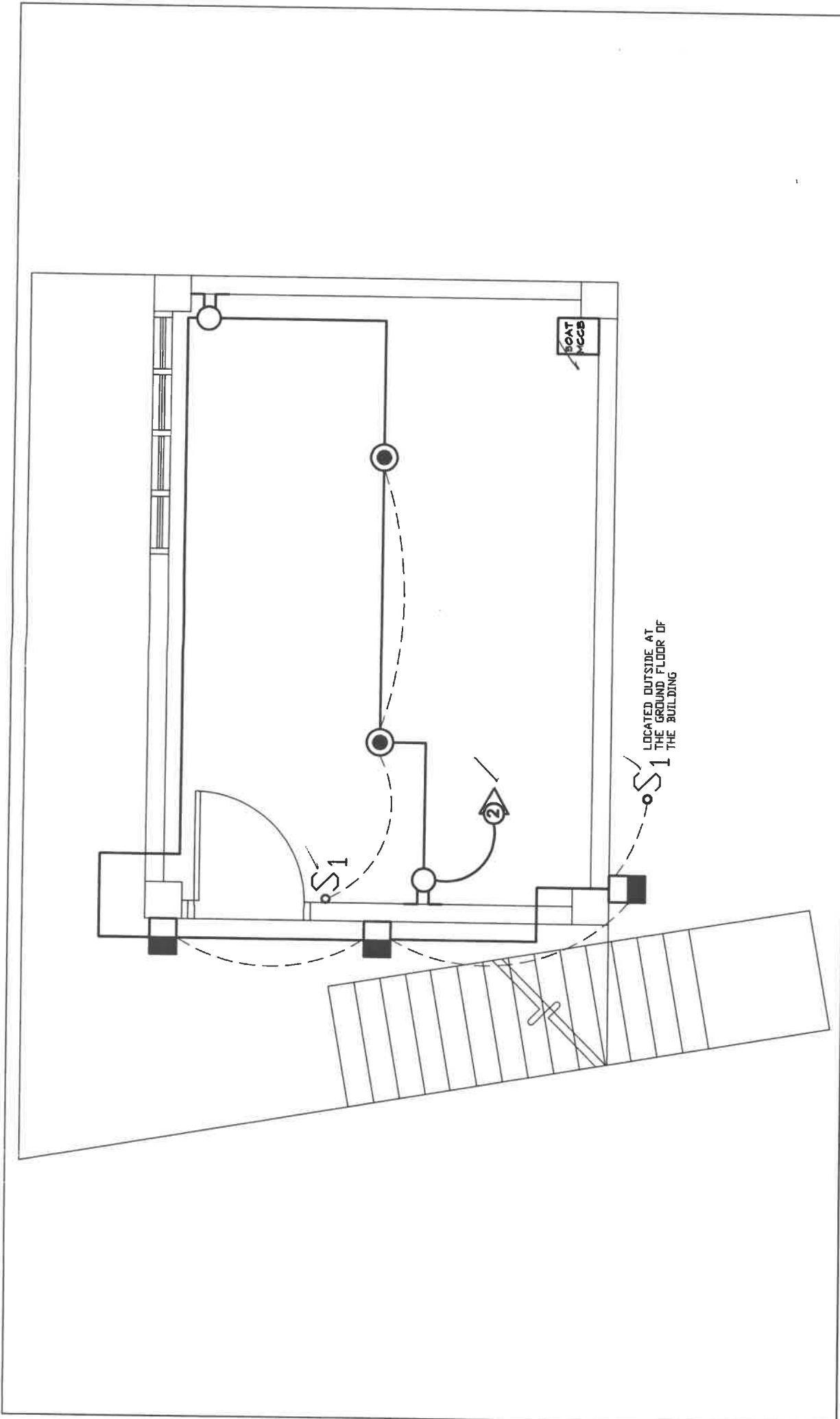
**2**  
E 1  
**SCOPE OF WORK**

	CIRCUIT NUMBER (NUMBER INDICATES BRANCH CIRCUIT NUMBER)		SINGLE GANG SWITCH WITH REFLECTOR SET SWITCH PLATE W/ 2" X 4" UTILITY BOX, FLUSH MOUNTED
	30AT, MOULDED CASE CIRCUIT BREAKER		2-GANG CONVENIENCE OUTLET IN A 2" X 4" UTILITY BOX, FLUSH MOUNTED, HORIZONTALLY INSTALLED
	RECTANGULAR BULB TYPE, WATERPROOFED, OUTDOOR WALL LAMP, 7W LED BULB, 5500K-6500K (DAYLIGHT)		24V LED BULB, 5500K-6500K (DAYLIGHT)

**3**  
E 1  
**LEGENDS AND SYMBOLS**

PREPARED BY:	CHECKED BY:	CHECKED BY:	REVIEWED BY:	APPROVAL RECOMMENDED BY:	APPROVED BY:
<i>[Signature]</i> KEVIN'S SAYAO ENGINEER I	<i>[Signature]</i> JOHNNY D. OSOSA ENGINEER II	<i>[Signature]</i> FORSTER CAMSOL ARCHITECT IV	<i>[Signature]</i> FRANCISCO PANGAYAO ASSISTANT PROVINCIAL ENGINEER	JERRY L. BOCANOG PROVINCIAL ENGINEER	MELCHOR D. DICLAS, MD. PROVINCIAL GOVERNOR

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9/11



**4**  
**E 2**

**LIGHTING and POWER LAYOUT**

PROJECT TITLE:  
IMPROVEMENT OF CHILDREN IN CONFLICT WITH LAW REFUGE  
CENTER, DUACANKABAYAN, BENGUET  
PROJECT LOCATION:  
KABAYAN, BENGUET

PREPARED BY:  
*Kevin S. Cayao*  
**KEVIN S. CAYAO**  
ENGINEER I

*Kevin S. Cayao*

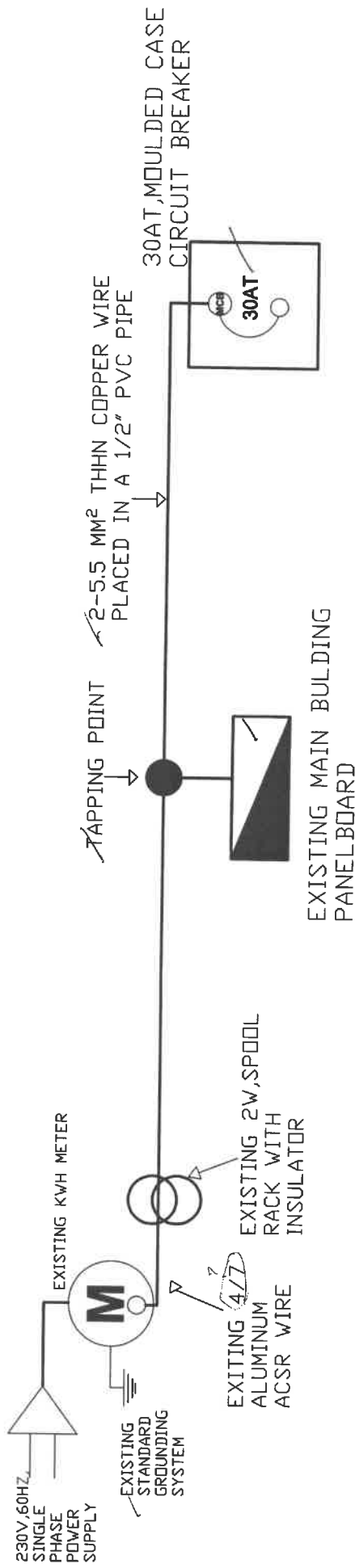
**E-2**  
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CIRCUIT NO.	LOAD DESCRIPTION	NO. OF OUTLETS	WATTS	VOLTS	LOAD (AMPERE)	PROTECTION (2P, MCCB)	SIZES OF WIRES THHN COPPER	SIZES OF CONDUITS
MCB	MAIN CIRCUIT BREAKER	7	429	230	1.87	30AT	5.5 SQ. MM. THHN	1/2" PVC PIPE
1	CIRCUIT 1	7	429	230	1.87	15AT	3.5 SQ. MM. THHN	1/2" PVC PIPE

5  
E 3

## LOAD SCHEDULE



6  
E 3

## ONE LINE DIAGRAM



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11/11